

Converting Colors

Hex(F0F918)

Have a look what the booklet for
Hex(F0F918) contains.

| | |
|--|----|
| Hex(F0F918) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(F0F918)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0F918 |
| RGB | 240, 249, 24 |
| RGB Percent | 94%, 98%, 9% |
| CMY | 0.0588, 0.0235, 0.9059 |
| CMYK | 0.04, 0.00, 0.90, 0.02 |
| HSL | 62°, 95%, 54% |
| HSV | 62°, 90%, 98% |
| XYZ | 69.9757, 86.3426, 13.8418 |
| YIQ | 220.6590, 66.8610, -71.8830 |

Conversions

Conversions Part 2

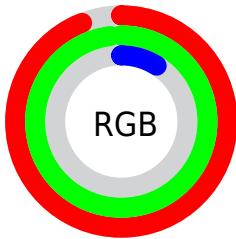
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 24, 249, 33 |
| Decimal | 15792408 |
| CIE Lab | 94.46, -24.63, 89.88 |
| CIE LCh | 94, 93.197, 105.326 |
| Yxy | 86.3426, 0.4112, 0.5074 |
| Android (android.graphics.Color) | 4293982488 (0xFFFF0F918) |
| YUV | 220.6590, -96.9529, 16.9621 |
| Hunter-Lab | 92.9207, -28.1884, 56.2124 |

Details

The Hex color **F0F918** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2118F9**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF65**, and **B3C100** is the 20% darker color. If you saturate the color by 10%, you get **EFF900**, and if you desaturate by 10%, it is **F1F931**.

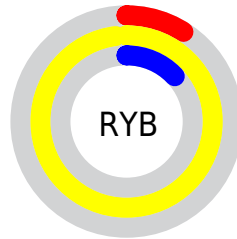
Distribution



Red (94%)

Green (98%)

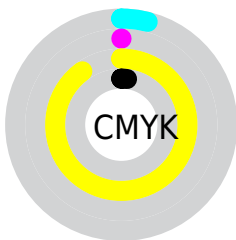
Blue (9%)



Red (9%)

Yellow (98%)

Blue (13%)

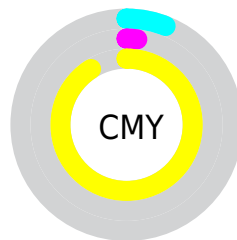


Cyan (4%)

Magenta (0%)

Yellow (90%)

Black (2%)



Cyan (6%)

Magenta (2%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0F918 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F0F918 by changing the saturation by 10% instead.

 F0F918

 F0F918

FFFFFF

 D1DD00

 FFFF65

 B3C100

 FFFF84

 96A600

 FFFFA1

 798C00

 FFFFBF

 5C7200

 FFFFDD

 3F5A00

 FFFFFC

 244200

 072C00

 001800

 F0F918

 F0F918

 EFF900

 F1F931

 F2F94A

 F3F963

 F4F97C

 F5F994

 F6F9AD

 F7F9C6

 F8F9DF

 F9F9F8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDB29



F0F918



86FF66

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F0F918



00FFFF



FF9DFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F0F918



2118F9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



F0F918



00FFFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0F918



00FFFF



8EEAFF



FF97C5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0F918



00FFA0



8EEAFF



FFA7FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F0F918



FCFFBA



F91F18



7E8057



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F0F918



F5FF00



81F918



7C7D70



B5BD00



3B3D00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2118F9



0A00FF



9018F9



71707D



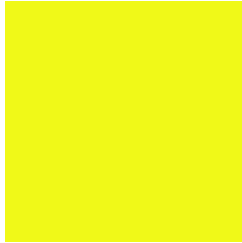
0800BD



02003D

Previews

White Background



This preview shows how the Hex color F0F918 looks on a white background.

Color Contrast Check

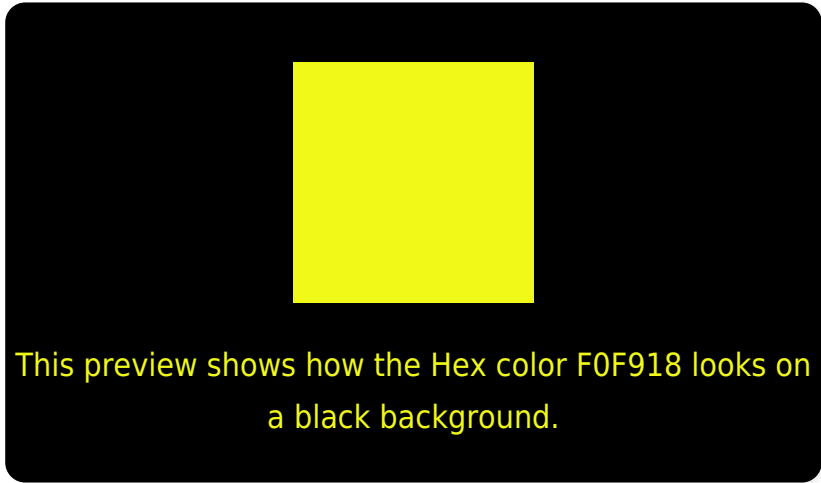
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F0F918 Background



This preview shows how black text looks on a background with the Hex color F0F918.



This preview shows how white text looks on a background with the Hex color F0F918.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
F0F918

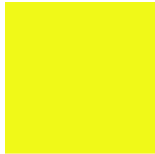
Protanopia
FFEFAF

Deuteranopia
FFECD4



Tritanopia
FFE8F8

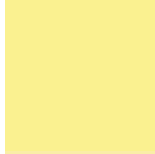
Trichromacy



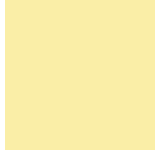
Original Color
F0F918



Protanomaly
FAF376

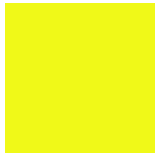


Deuteranomaly
FAF190

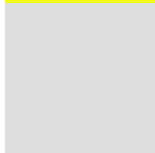


Tritanomaly
FAEEA7

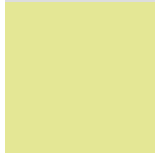
Monochromacy



Original Color
F0F918



Achromatopsia
DDDDDD



Achromatomaly
E4E795

CSS Examples

Text

The CSS property to change the color of the text to Hex F0F918 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F0F918 looks like.

```
.text, #text, p{  
    color:#F0F918  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F0F918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F918
}
```

Border

The CSS property to change the border of an element to Hex F0F918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0F918 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F0F918 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F0F918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F918; -webkit-box-shadow:4px 4px  
4px 4px #F0F918; box-shadow:4px 4px 4px  
4px #F0F918 }
```

Background

The CSS property to change the background color of an element to Hex F0F918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F918 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F0F918 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor